COLLEGE PRIVE BILINGUE MONTESQUIEU

MONTESQUIEU PRIVATE BILINGUAL HIGH SCHOOL

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REPUBLIC OF CAMEROON

PEACE - WORK – FATHERLAND

ANNEE SCOLAIRE 2025/2026

FIRST Harmonized Examination Chemistry;
OCTOBER 2025
Form 4

DEPARTMENT OF CHEMISTRY

SECTION A/ GENERAL KNOLEDGE

1) Sulphur is found in group **a) 4 b) 9 c) 6 d) 1**

2) Sulphur is extracted from this process called a) Ostwald b) Frashprocess **d)** cupper pyrite D) Nash process.

3)The melt Sulphur has a melting point of **a) 115^0 b) 100^0 c) 10^0 d) 94^0**

4) the boiling point of Sulphur is **a) 100 b) 115 c) 94 d) 10**

5) The whole to extract the Sulphur was dig at **a) 30cm b)10cm c) 43cm d) 100cm**

6) The super-heated water was at **a) 170^0c b)100^0c c)94^0c d) 10^0c**

7) Name the two allotropes of Sulphur **a) plastic and flower b) Rhombic and monoclinic c) amorphous and crystalline d) colloidal and flower.**

8) Name the two types of amorphous Sulphur**a) rhombic and monoclinic b) Plastic and monoclinic c) rubber and colloidal d) plastic and flower.**

9) Another name for MonoclinicSulphur is**a)octahedral b) Prismatic c) flower d) plastic**

10) Monoclinic Sulphur has a melting point of **a) 119^0c b) 115^0c c) 100^0c d) 120^0c**

11) Rhombic Sulphur has a ..... shape a**) octahedral b) prismatic c) pentahedral d) hexagonal.**

12) Rhombic Sulphur has a density of **a) 2.06 b) 113 c) 1.56 d) 5.94**

13) Sulphur exists in more than one structural form in the solid state. This phenomenon is known as; a**) Isotopy b) isotropy c) allotropy d) isomerism**

14) Rhombic Sulphur contains **a) $s_2$molecules b) $s_4$molecules c) $s_7$molecules d) s_8 molecules**

15) The property of Sulphur used in its extraction by the Frash process is it's; **a) low melting point b) allotropic nature c) non- metallic nature d) transition temperature.**

16) Which of the following is not a use for Sulphur? A) volcanizingrubber b) use as a fungicide c) manufacture of matches d) manufacture of ammonia.

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17) If some dilute hydrochloric acid is poured onto some sodium sulphite crystals, the main gas evolved **is a) hydrogen b) oxygen c) Sulphur dioxide d) Sulphur trioxide.**

18) Sulphur dioxide is a ..... Gas **a) basic b) acidic c) neutral d) amphoteric**

19) What are the smallest particles of an atom? **a) Proton b) Neutron c) Electron d) Nucleus.**

20) What is the central part of an atom called? **a) Proton b) Neutron c) Electron d) Nucleus**

STRUCTURAL QUESTION (20mks)

1. A)Name two natural ores of Sulphur

   ..... and ..... (2mks)

   b) Name two crystalline allotropes of Sulphur

   ..... and ..... (2mks)

   c) Define allotropy.....

   ..... (2mks)

   d) How can you obtain a sample of Sulphur dioxide gas in the laboratory (materials used, diagrams are necessary) (16mks)

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